Amendments to Specification:

Please replace the paragraph beginning on page 2, line 28 with the following amended paragraph:

FIG. 4 is a [[block diagram]] <u>flow chart</u> of the general methodology of the integrated system for monitoring remote objects according to the present invention.

Please replace the paragraph beginning on page 4, line 15 with the following amended paragraph:

Controller 6 preferably is implemented for user monitoring of one or more objects 2 using conventional computer, workstation or functionally equivalent digital processing equipment and/or software. Contemplated examples of controller 6 functionality may include following, if configured to operate as specified herein: Network Computer-type product from Oracle, WebTV-type product from Microsoft, Pilot-type product from [[Cisco]] <u>3Com</u> or substantially compatible network processor products thereto. Publicly accessible product functionality and interface specifications, including hard-copy or on-line published documents therefor, for such products are hereby incorporated by reference.

Please replace the paragraph beginning on page 7, line 28 with the following amended paragraph:

Optionally, detectors 3 may be coupled to control mechanism for adjusting detector operation, such as [[focus,]] tilt, pan, focus, etc., as well as means for causing multiple neighboring detectors to observe and track common object or object set, thereby obtaining various comparative surveillance data. Further optionally, un-coupled or non-functional but obvious "decoy" detector/server sites may be installed at select locations to provide deterrent

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observation effect as well reduce network traffic and overall cost. However, hidden detector/server site may be provided to observe object activity proximate to decoy site.

Please replace the paragraph beginning on page 9, line 20 with the following amended paragraph:

Further, as described herein, control software 66, preferably including one or more modules described hereunder and provided in whole or in part in storage 49 for execution by processor 48 in target unit 4 and/or controller 6, to enable communications 161 between such fixed and mobile components, maintain object data status and mapping information 162, track and correlate movement activity from different sources 163, maintain system security and access 164, manage object-related electronic transactions 165, [[diagnosis]] diagnose and analyze object performance, provide data reporting, and analyze visual object information 168.

Please replace the paragraph beginning on page 35, line 14 with the following amended paragraph:

Although the principles of this invention [[has]] have been illustrated in the preferred embodiment in accordance to a surveillance application, it is intended that the principles of this invention to be also applied to other applications, such as patient monitoring, person, vehicle, or property tracking and monitoring.

Please replace the paragraph on page 35, line 19 with the following amended paragraph:

Thus, the foregoing described embodiments of the invention are provided as an illustration and description. It is not intended to limit the invention to the precise form

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described. Other variations and embodiments are possible in light of the above teaching, and it is thus intended that the scope of the invention <u>not</u> be limited by the detailed description, but rather by the claims as follow.